

STATE OF SOUTH CAROLINA

(Caption of Case)

Monthly Fuel Cost Report and Base Load Power
Plant Performance Report for month of July 2008

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET

NUMBER: 1989 - 9 - E

(Please type or print)

Submitted by: Catherine E. HeigelSC Bar Number: 9268Address: Duke Energy CorporationTelephone: 704.382.8123P O Box 1006 / EC03TFax: 704.382.5690Charlotte, NC 28201-1006

Other: _____

Email: ceheigel@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☒ Other: _____

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input type="checkbox"/> Letter	<input type="checkbox"/> Request
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certificatio
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigator
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input type="checkbox"/> Response to Discovery
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input type="checkbox"/> Tariff
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input type="checkbox"/> Other:
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest	
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit	
	<input type="checkbox"/> Late-Filed Exhibit	<input checked="" type="checkbox"/> Report	



DUKE ENERGY CAROLINAS, LLC
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October 16, 2008

Mr. Phillip Riley
The Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

Re: Docket No. 1989-9-E

Dear Mr. Riley:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are three copies each of the following for Duke Energy Carolinas, LLC ("the Company"):

1. Monthly Fuel Cost Report for the month of July 2008 (Exhibit A).
2. Base Load Power Plant Performance Report (Exhibit B).

For January through June 2008, the appropriate schedules have been revised to reflect a change to events and net available capacity for Belews Creek. Also, for June 2008, the appropriate schedules have been revised to reflect a change to event types for Cliffside and a change from derate events to non-curtailing events for Dan River.

Should you have any questions regarding this matter, please call me.

Sincerely,

A handwritten signature in cursive script that reads "Catherine E. Heigel". The signature is written in black ink and is positioned above the printed name.

Catherine E. Heigel

pa

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
John Flitter
Lessie Hammonds

South Carolina Energy Users Committee
Scott Elliott, Esquire

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SUMMARY OF MONTHLY FUEL REPORT

	July 2008
Fuel Expenses:	
1 Fuel and purchased power expenses included in fuel component	\$ 170,350,228
2 Less fuel expenses (in line 1) recovered through inter-system sales (a).....	12,302,113
3 Total fuel expenses (line 1 minus line 2).....	<u>\$ 158,048,115</u>
MWH sales:	
4 Total system sales.....	7,964,576
5 Less inter-system sales	239,713
6 Total sales less inter-system sales.....	<u>7,724,863</u>
7 Total fuel expenses (in cents per KWH) (line 3/line 6).....	<u>2.0460</u>
8 Current fuel component (in cents per KWH)	<u>1.8021</u>
Generation Mix (MWH):	
Fossil (by primary fuel type):	
9 Coal.....	4,290,367
10 Oil.....	(247)
11 Gas.....	42,929
12 Total fossil.....	<u>4,333,049</u>
13 Nuclear (b).....	<u>5,284,833</u>
Hydro:	
14 Conventional.....	47,025
15 Pumped storage.....	(115,045)
16 Total hydro.....	<u>(68,020)</u>
17 Total MWH generation.....	9,549,862
18 Less: Catawba joint owners' retained portion	1,449,586
19 Adjusted total MWH generation.....	<u>8,100,276</u>
(a) Line 2 includes:	
Fuel from Intersystem Sales (Schedule 3)	12,195,768
Fuel in Loss Compensation	106,345
Total fuel recovered from Intersystem Sales	<u>12,302,113</u>
(b) Includes 100% of Catawba generation.	

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>July 2008</u>
Fuel expenses included in Base fuel Component:	
Steam Generation - FERC Account 501	
501.11 Coal Consumed - Fossil Steam.....	\$ 132,301,626
501.222 Test Fuel Consumed.....	-
501.14 Coal Light-Off.....	-
501.26 Natural Gas Light-off - Fossil.....	-
501.31 Oil Consumed - Fossil Steam.....	624,831
501.33 Oil Light-Off - Fossil.....	728,185
Total Steam Generation - Account 501.....	<u>133,654,642</u>
Environmental Costs	
509.00 Emission Allowance Expense.....	190,052
Reagents.....	1,964,129
NOx Sales.....	(2,889,500)
Total Environmental Costs.....	<u>(735,319)</u>
Nuclear Generation - FERC Account 518	
518.10 Burnup of Owned Fuel.....	13,173,873
518.60 Nuclear Fuel Disposal Cost.....	3,551,626
Total Nuclear Generation - Account 518.....	<u>16,725,499</u>
Other Generation - FERC Account 547	
547.10 Natural Gas.....	(1,963,758)
547.20 Oil.....	11,767
Total Other Generation - Account 547.....	<u>(1,951,991)</u>
Total fossil and nuclear fuel expenses included in Base Fuel Component.....	147,692,831
Fuel component of purchased and interchange power per Schedule 3, page 1 of 2.....	<u>22,657,397</u>
Total fuel expenses included in Base Fuel Component.....	<u>\$ 170,350,228</u>

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

July 2008

Other fuel expenses not included in Base
Fuel Component:

518.61 Spent Fuel Canisters-Accrual..... 198,249

518.62 Canister Design Expense..... -

Non-fuel component of purchased and
interchanged power..... 10,679,762

Total other fuel expenses not included in
Base Fuel Component..... \$ 10,878,011

Total FERC Account 501 - Total Steam Generation..... 133,654,642

Total Environmental Costs..... (735,319)

Total FERC Account 518 - Total Nuclear Generation.... 16,923,748

Total FERC Account 547 - Other Generation..... (1,951,991)

Total Purchased and Interchanged Power Expenses..... 33,337,159

Total Fuel and Purchased Power Expenses..... \$ 181,228,239

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
JULY 2008

Schedule 3
Page 1 of 2

Purchased Power Marketers, Utilities, Other	Total \$	Capacity		Non-Capacity		
		MW	\$	MWH	Fuel \$	Non-Fuel \$
American Electric Power Serv Corp.	135,625	-	-	1,899	93,038	42,587
Blue Ridge Electric Membership Corp.	2,676,638	90	1,145,915	63,920	987,389	543,334
Calpine Power Services Marketing	155,246	-	-	2,750	100,320	54,926
Cargill Power Marketers LLC	156,376	-	-	2,532	133,748	22,628
Cobb Electric Membership Corp.	330,700	-	-	2,797	243,791	86,909
Columbia Energy	9,718,538	520	2,274,031	78,918	4,881,712	2,562,795
ConocoPhillips Company	25,500	-	-	400	32,408	(6,908)
Constellation	83,795	-	-	1,335	71,626	12,169
Fortis Energy Marketing and Trading GP	88,025	-	-	975	54,299	33,726
Lehman Bros	-	-	-	-	2,613	(2,613)
LGE/KU	11,100	-	-	200	7,008	4,092
Merrill Lynch Commodities, Inc.	41,450	-	-	550	32,001	9,449
Morgan Stanley Capital Group	108,675	-	-	2,775	63,352	25,323
NCEMC load following	796	-	-	80	318	478
NCMPA #1	1,705,481	-	-	38,300	682,254	1,027,227
Piedmont Electric Membership Corp.	1,360,015	47	571,444	31,832	509,527	279,044
PJM Interconnection LLC	5,917,668	-	-	134,571	4,057,511	1,860,157
Progress Energy Carolinas	-	-	-	-	5,297	(5,297)
Rutherford Electric Membership Corp.	74,909	-	-	2,375	45,894	29,215
SC Electric & Gas	266,009	-	-	400	167,998	98,011
Southern	223,000	-	-	2,900	232,914	(9,914)
SPCO - Rowan	4,661,178	456	1,359,984	26,355	4,744,128	(1,442,934)
SPCO - Rowan PPA - Eagle Energy	37,717	-	-	-	37,717	-
Tenaska Power Services Company	-	-	-	-	738	(738)
The Energy Authority	786,985	-	-	14,587	589,535	197,450
TVA	-	-	-	-	1,770	(1,770)
Westar Energy, Inc.	45,906	-	-	662	43,408	2,498
Generation Imbalance	722,836	-	-	6,079	401,856	320,980
Energy Imbalance	1,049,033	-	-	6,617	606,439	440,594
TOTAL	\$ 30,387,201	1,113	\$ 5,351,374	423,809	\$ 18,852,409	\$ 6,183,418

Purchased Power Cogen, Purpa, Small Power Producers	Total \$	Capacity		Non-Capacity		
		MW	\$	MWH	Fuel \$	Non-Fuel \$
Advantage Investment Group, LLC	2,054	-	-	31	-	2,054
Aquenergy Corp.	1,709	-	-	30	-	1,709
Byron P Matthews	19	-	-	-	-	19
Catawba County	37,278	-	-	1,035	-	37,278
Cherokee County	2,647,253	-	1,008,358	27,305	3,843,524	(2,205,629)
Cliffside Mills LLC	-	-	-	10	-	-
Converse Energy	2,152	-	-	38	-	2,152
Dale Earnhardt Inc.	104	-	-	2	-	104
Dave K Birkhead	14	-	-	-	-	14
David A Ringenburg	46	-	-	1	-	46
David E. SN	28	-	-	1	-	28
David M Thomas	55	-	-	-	-	55
David Wiener	19	-	-	-	-	19
Decision Support	380	-	-	5	-	380
Delta Products Corp.	354	-	-	5	-	354
Frances L. Thomson	45	-	-	1	-	45
Freightliner Corp.	(6)	-	-	-	-	(6)
Gwenneth T Reid	38	-	-	1	-	38
Hanline Power, LLC	1,430	-	-	22	-	1,430
Hardins Resources Company	(8)	-	-	-	-	(8)
Haw River Hydro Co	5,940	-	-	159	-	5,940
Hayden-Harman Foundation	14	-	-	-	-	14
Hendrik J Rodenburg	31	-	-	-	-	31
HMS Holdings Limited Partnership	182	-	-	4	-	182
Holzworth Holdings	17	-	-	-	-	17
Jaffess Farms	136	-	-	2	-	136
James B Sherman	35	-	-	1	-	35
John H. Diliberti	96	-	-	1	-	96
Linda Alexander	20	-	-	-	-	20
Mark A Powers	13	-	-	-	-	13
Mayo Hydro	13,961	-	-	318	-	13,961
Megawatt Solar Inc	(8)	-	-	-	-	(8)
Mill Shoals Hydro	6,742	-	-	142	-	6,742
Northbrook Carolina Hydro	21,232	-	-	328	-	21,232
Pacific HOA	41	-	-	1	-	41
Pacolet River	(6)	-	-	-	-	(6)
Paul G. Keller	32	-	-	1	-	32
Peizer Hydro Co.	10,123	-	-	178	-	10,123
Pickins Mill Hydro LLC	268	-	-	5	-	268
Pippin Home Designs, Inc	14	-	-	-	-	14
PRS-PK Engines, LLC	104	-	-	2	-	104
ROR Enterprises	(8)	-	-	-	-	(8)
Roush & Yates Racing Engines, LLC	299	-	-	6	-	299
Salem Energy Systems	109,678	-	-	2,326	-	109,678
Shawn Sloma	8	-	-	-	-	8
South Yadkin Power	163	-	-	1	-	163
Spray Cotton Mills	12,633	-	-	309	-	12,633
Steve Mason Ent., Inc.	1,374	-	-	32	-	1,374
Steven Graf	47	-	-	1	-	47
Town of Chapel Hill	30	-	-	1	-	30
Town of Lake Lure	(4,421)	-	-	28	-	(4,421)
Energy Imbalance	(304,867)	-	-	-	(262,521)	(42,346)
TOTAL	\$ 2,567,087	-	\$ 1,009,358	32,334	\$ 3,581,003	\$ (2,023,274)

TOTAL PURCHASED POWER	\$ 32,954,288	1,113	\$ 6,360,732	456,143	\$ 22,433,412	\$ 4,160,144
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INTERCHANGES IN

Other Catawba Joint Owners	7,209,483	-	-	755,145	3,545,308	3,664,175
Total Interchanges In	7,209,483	-	-	755,145	3,545,308	3,664,175

INTERCHANGES OUT

Other Catawba Joint Owners	(6,826,612)	(938)	(145,421)	(707,266)	(3,321,323)	(3,359,868)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(6,826,612)	(938)	(145,421)	(707,266)	(3,321,323)	(3,359,868)

Net Purchases and Interchange Power before PCL	33,337,159	175	6,215,311	504,022	22,657,397	4,464,451
Purchased Capacity Levelization	(3,185,753)	-	(3,185,753)	-	-	-
Net Purchases and Interchange Power after PCL	30,151,406	175	3,029,558	504,022	22,657,397	4,464,451

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA FUEL FILING
JULY 2008

Schedule 3
Page 2 of 2

SALES	TOTAL CHARGES	CAPACITY		ENERGY		
		MW	\$	MWH	FUEL \$	NON-FUEL \$
Utilities:						
SC Public Service Authority - Emergency	\$ 3,501	-	\$ -	79	\$ 2,871	\$ 630
Market Based:						
American Electric Power Services Corp.	227,025	-	-	2,195	146,002	81,023
Cargill-Alliant, LLC	3,236,753	-	-	29,025	1,938,781	1,297,972
Cobb Electric Membership Corp	762,178	-	-	7,948	362,523	399,655
ConocoPhillips Company	9,000	-	-	120	4,445	4,555
Constellation Power Sources	608,800	-	-	6,428	225,653	383,147
DTE Energy Trading	25,500	-	-	250	10,773	14,727
East Kentucky Power Coop.	37,000	-	-	350	19,129	17,871
Fortis Energy Marketing	423,140	-	-	4,304	186,710	236,430
Lehman Brothers Commodity Services	3,920	-	-	28	2,866	1,054
Merrill Lynch Commodities, Inc.	245,900	-	-	2,489	80,374	165,526
MISO	67,990	-	-	575	36,746	31,244
Morgan Stanley	1,380	-	-	12	500	880
Morgan Stanley - Rockingham	173,250	165	(173,250)	-	-	346,500
NCEMC	7,600	-	-	80	3,425	4,175
NCEMC (Instantaneous)	2,036,119	50	295,833	17,488	1,400,240	340,046
NCMPA #1	416,375	50	200,000	1,813	149,458	66,917
NCMPA #1 - Rockingham	942,677	50	112,500	6,700	(111,148)	941,325
Oglethorpe	388,920	-	-	4,118	299,530	89,390
PJM Interconnection LLC	8,604,586	-	-	74,824	4,112,554	4,492,032
Power South Coop	1,364,475	-	-	12,330	521,803	842,672
Progress Energy Carolinas	1,869,661	-	-	16,273	856,461	1,013,200
SEPA	112,000	-	-	800	35,229	76,771
Southern	1,580,800	-	-	18,100	704,111	876,689
Tenaska Power Services Company	7,500	-	-	75	3,216	4,284
The Energy Authority	2,160,651	-	-	22,466	454,766	1,705,885
TVA	517,500	-	-	4,750	268,655	248,845
Westar Energy, Inc.	64,050	-	-	650	29,654	34,396
Other:						
Generation Imbalance	1,124,869	-	-	5,443	450,441	674,428
BPM Transmission	(818,197)	-	-	-	-	(818,197)
	<u>\$ 26,204,923</u>	<u>315</u>	<u>\$ 435,083</u>	<u>239,713</u>	<u>\$ 12,195,768</u>	<u>\$ 13,574,072</u>

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

October 2007 - September 2008

Schedule 4

DUKE ENERGY CAROLINAS
FUEL COST REPORT
July 2008

LINE DESCRIPTION	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. Station	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	Total Current Month
2. Cost of Fuel Purchased(\$)																
3. Coal	29,699,216	21,087,186	22,491,579	4,979,564	4,999,459	3,198,195	7,853,274	4,794,837	-	-	-	-	-	-	-	99,103,310
4. Oil (B)	805,503	445,920	144,045	362,278	177,966	-	167,203	-	-	-	-	-	-	-	-	2,102,915
5. Gas	-	-	-	9,970	-	33,212	6,000	698,191	21,660	(11,365,836)	1,605,248	7,027,797	-	-	-	(1,963,758)
6. Total	30,504,719	21,533,106	22,635,624	5,351,812	5,177,425	3,231,407	8,026,477	5,493,028	21,660	(11,365,836)	1,605,248	7,027,797	-	-	-	99,242,467
Average Cost of Fuel as Purchased (CENTS/MBTU)																
7. Coal	354.93	271.95	355.74	362.18	295.77	340.49	426.70	301.70	-	-	-	-	-	-	-	331.69
8. Oil (B)	INF.	INF.	INF.	INF.	INF.	-	INF.	INF.	-	-	-	-	-	-	-	INF.
9. Gas	-	-	-	-	-	1,896.74	INF.	1,391.07	INF.	INF.	INF.	1,854.83	-	-	-	(404.22)
10. Weighted Average	363.35	277.13	357.73	385.78	305.17	343.39	434.63	335.05	INF.	INF.	INF.	1,854.83	-	-	-	326.05
Cost of Fuel Burned(\$)																
11. Coal (E)	43,376,903	32,581,996	20,989,268	8,027,038	12,432,906	5,023,746	6,120,927	3,748,842	-	-	-	-	-	-	-	132,301,626
12. Oil (B)	419,151	305,794	81,559	204,725	148,161	58,414	106,246	28,966	-	11,767	-	-	-	-	-	1,364,783
13. Gas	-	-	-	9,970	-	33,212	6,000	698,191	21,660	(11,365,836)	1,605,248	7,027,797	-	-	-	(1,963,758)
14. Nuclear (C)(F)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,228,864
15. Total (C)(E)(F)	43,796,054	32,887,790	21,070,827	8,241,733	12,581,067	5,115,372	6,233,173	4,475,999	21,660	(11,354,069)	1,605,248	7,027,797	8,643,705	7,152,727	7,432,532	154,931,615
16. Less: other Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	8,643,705	7,152,727	7,432,532	-
17. Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,503,465
Average Cost of Fuel Burned (CENTS/MBTU)																
18. Coal	323.39	272.29	323.93	345.98	315.41	335.17	346.13	330.18	-	-	-	-	-	-	-	311.13
19. Oil (B)	INF.	INF.	1,816.46	INF.	INF.	INF.	INF.	INF.	-	1,412.61	-	-	-	-	-	INF.
20. Gas	-	-	-	INF.	-	1,896.74	INF.	1,391.07	INF.	INF.	INF.	1,854.83	-	-	-	(404.22)
21. Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.91
22. Weighted Average	326.15	274.58	324.97	353.95	318.75	340.23	351.43	377.08	INF.	INF.	INF.	1,854.83	44.20	41.39	42.98	159.41
Average Cost of Fuel Burned (CENTS/KWH Generated)																
23. Coal	3.05	2.60	3.31	3.87	3.17	3.89	3.95	3.88	-	-	-	-	-	-	-	3.08
24. Oil (B)	INF.	INF.	INF.	(D)	INF.	INF.	(D)	INF.	(D)	(D)	-	-	-	-	-	(D)
25. Gas	-	-	-	INF.	-	INF.	INF.	13.94	INF.	(D)	45.89	20.36	-	-	-	(4.57)
26. Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44
27. Weighted Average	3.08	2.62	3.32	3.98	3.21	3.96	4.03	4.40	(D)	(D)	45.89	20.36	0.45	0.43	0.43	1.61
MBTU's Burned																
28. Coal	13,413,077	11,966,022	6,479,527	2,320,100	3,941,763	1,498,861	1,768,388	1,135,390	-	-	-	-	-	-	-	42,523,128
29. Oil (B)	15,298	11,448	4,490	8,375	5,287	2,890	5,249	1,446	-	833	-	-	-	-	-	55,316
30. Gas	-	-	-	-	-	1,751	-	50,191	-	7,032	47,953	378,892	-	-	-	485,819
31. Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54,129,419
32. Total	13,428,375	11,977,470	6,484,017	2,328,475	3,947,050	1,503,502	1,773,637	1,187,027	-	7,865	47,953	378,892	19,555,530	17,280,194	17,293,695	97,193,682
33. Less: other Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	19,555,530	17,280,194	17,293,695	-
34. Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,131,983
Net Generation (MWH)																
35. Coal	1,421,847	1,254,852	634,012	207,261	391,836	129,123	154,831	96,605	-	-	-	-	-	-	-	4,290,367
36. Oil (B)	-	-	-	(99)	-	-	(31)	-	(100)	(17)	-	-	-	-	-	(247)
37. Gas	-	-	-	-	-	35	-	5,010	-	(139)	3,498	34,525	-	-	-	42,929
38. Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,284,833
39. Total	1,421,847	1,254,852	634,012	207,162	391,836	129,158	154,800	101,615	(100)	(156)	3,498	34,525	1,911,897	1,662,112	1,710,824	9,617,882
40. Less: other Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	1,911,897	1,662,112	1,710,824	-
41. Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,496,971
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	213,853

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Includes 100% of Catawba generation.

(B) Fuel oil costs at nuclear plants are excluded because it is not being used for energy production.

(C) Cost of fuel burned excludes \$198,249 associated with canister accrual for the month.

(D) CENTS/KWH not computed when net generation is negative.

(E) Cost of Fuel Burned excludes \$190,052 associated with emission allowance expense for the month.

(F) Cost of Fuel Burned excludes \$0 associated with canister design expense for the month.

(G) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec07, which are reflected in cost of coal consumed and tons of coal consumed (Lines 10,17,22)

DUKE ENERGY CAROLINAS
FOSSIL FUEL CONSUMPTION AND INVENTORY REPORT
July 2008

Line No.	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
		Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	Month Total
1	Location																
	Coal Data:																
2	Tons received during period	343,805	312,408	273,096	55,830	67,962	37,702	76,293	64,502	-	-	-	-	-	-	-	1,231,698
3	Inventory adjustments	2,378	(3,175)	(2,533)	(430)	62	434	484	75	-	-	-	-	-	-	-	(2,705)
4	Tons burned during period	551,869	483,269	275,992	95,609	163,936	61,968	74,691	46,168	-	-	-	-	-	-	-	1,753,502
5	MBTU's burned per ton	24.30	24.76	23.48	24.27	24.04	24.19	23.68	24.59	-	-	-	-	-	-	-	24.25
	Tons coal on hand:																
6	Beginning balance	699,986	470,296	324,280	166,395	293,275	102,734	140,324	146,152	-	-	-	-	-	-	-	2,343,442
7	Ending balance	494,400	296,260	318,851	126,186	197,363	78,902	142,410	164,561	-	-	-	-	-	-	-	1,818,933
8	Cost of ending inventory (\$ per ton)	78.22	68.14	76.66	84.24	75.82	80.62	81.67	81.16	-	-	-	-	-	-	-	77.10
	Oil Data:																
9	Gallons received during period	200,829	114,290	36,942	89,179	45,321	-	45,285	-	-	-	-	-	-	-	-	531,846
10	Miscellaneous usage, transfers and adjustments	(9,776)	(23,205)	6,138	(3,990)	(7,701)	(2,540)	(2,296)	(4,634)	-	-	-	-	-	-	-	(48,004)
11	Gallons burned during period	110,303	82,647	32,514	60,391	38,343	20,937	37,810	10,390	-	6,008	-	-	-	-	-	399,343
	Gallons oil on hand:																
12	Beginning balance	157,250	248,989	93,764	284,699	64,928	330,397	581,416	553,426	1,536,309	9,336,777	3,959,713	2,712,033	-	-	-	19,859,701
13	Ending balance	238,000	257,427	104,330	309,497	64,205	306,920	586,595	538,402	1,536,309	9,330,769	3,959,713	2,712,033	-	-	-	19,944,200
14	Cost of ending inventory (\$ per gallon)	3.81	3.69	3.62	3.39	3.62	2.79	2.81	2.63	0.79	1.60	1.25	2.34	-	-	-	1.75
	Gas Data:																
15	MCF received during period	-	-	-	-	-	1,703	-	48,824	-	6,847	46,647	364,319	-	-	-	468,340
16	MCF burned during period	-	-	-	-	-	1,703	-	48,824	-	6,847	46,647	364,319	-	-	-	468,340
	MCF gas on hand: (*)																
17	Beginning balance																
18	Ending balance																
19	Cost of ending inventory (\$ per MCF)																

NOTE(S): Detail amounts may not add to totals shown due to rounding.
(*) Gas is burned as received; therefore, inventory balances are not maintained.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec07, which are reflected in cost of coal consumed and tons of coal consumed (Lines 4,5,7,8)
(B) Fuel oil costs at nuclear plants are excluded because it is not being used for energy production.

SCHEDULE 7

**DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
July 2008**

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	64,392	\$ 6,574,990.70	\$ 102.11
	CONTRACT	208,705	14,364,214.54	68.83
	ADJUSTMENTS	-	1,552,374.35	-
	TOTAL	273,096	22,491,579.59	82.36
BELEWS CREEK	SPOT	54,968	7,245,137.84	131.81
	CONTRACT	288,938	19,749,064.98	68.35
	ADJUSTMENTS	-	2,705,013.24	-
	TOTAL	343,905	29,699,216.06	86.36
BUCK	SPOT	19,510	3,327,886.74	170.57
	CONTRACT	56,783	4,001,739.63	70.47
	ADJUSTMENTS	-	523,647.65	-
	TOTAL	76,293	7,853,274.02	102.94
CLIFFSIDE	SPOT	-	23,099.57	-
	CONTRACT	67,962	4,911,533.26	72.27
	ADJUSTMENTS	-	64,826.04	-
	TOTAL	67,962	4,999,458.87	73.56
DAN RIVER	SPOT	9,326	699,159.32	74.97
	CONTRACT	28,376	2,107,204.60	74.26
	ADJUSTMENTS	-	391,830.33	-
	TOTAL	37,702	3,198,194.25	84.83
LEE	SPOT	11,216	1,027,725.94	91.63
	CONTRACT	53,285	3,709,176.19	69.61
	ADJUSTMENTS	-	57,934.92	-
	TOTAL	64,501	4,794,837.05	74.34
MARSHALL	SPOT	12,006	1,868,324.26	155.62
	CONTRACT	300,402	18,606,310.56	61.94
	ADJUSTMENTS	-	612,551.20	-
	TOTAL	312,408	21,087,186.02	67.50
RIVERBEND	SPOT	36,700	3,229,604.86	88.00
	CONTRACT	19,130	1,749,959.25	91.48
	ADJUSTMENTS	-	-	-
	TOTAL	55,830	4,979,564.11	89.19
ALL PLANTS	SPOT	208,117	23,995,929.23	115.30
	CONTRACT	1,023,581	69,199,203.01	67.60
	ADJUSTMENTS	-	5,908,177.73	-
	TOTAL	1,231,698	\$ 99,103,309.97	\$ 80.46

SCHEDULE 8

**Duke Energy Carolinas
Analysis of Quality of Coal Received
July 2008**

Station	<u>Percent Moisture</u>	<u>Percent Ash</u>	<u>Heat Value</u>	<u>Percent Sulfur</u>
Allen	6.14	16.50	11,576	0.94
Belews Creek	6.56	12.04	12,166	0.89
Buck	7.42	11.81	12,062	0.64
Cliffside	5.99	10.75	12,436	1.02
Dan River	6.20	10.52	12,457	0.87
Lee	6.10	11.01	12,320	0.95
Marshall	6.66	10.72	12,410	1.41
Riverbend	6.59	11.00	12,313	0.99

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
July 2008

Station	Allen	Belews Creek	Buck	Cliffside 1-4	Cliffside 5	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0.01	0.05	0.00	0.01	0.04	0.05
Gallons Received	36,942	200,829	45,285	37,867	7,454	114,290	89,179
Total Delivered Cost	\$ 144,045.02	\$ 805,502.99	\$ 167,202.68	\$ 147,577.59	\$ 30,388.01	\$ 445,919.99	\$ 362,278.55
Delivered Cost/Gal	\$ 3.8992	\$ 4.0109	\$ 3.6922	\$ 3.8973	\$ 4.0767	\$ 3.9017	\$ 4.0624
Delivered Cost/MBTU	\$ 28.2391	\$ 28.9182	\$ 26.5950	\$ 28.2648	\$ 29.5531	\$ 28.1675	\$ 29.2936
BTU/Gallon	138,079	138,698	138,832	137,884	137,946	138,516	138,678

Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

August,2007 - July,2008

<u>Plant Name</u>	<u>Generation MWH</u>	<u>Capacity Rating MW</u>	<u>Capacity Factor %</u>	<u>Net Equivalent Availability %</u>
Oconee	20,222,179	2,538	90.71	88.97
McGuire	18,564,453	2,200	96.07	92.79
Catawba	17,160,758	2,258	86.52	84.40

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
August 2007 through July 2008

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	6,314,958	1,135	63.51	67.26
Belews Creek 2	7,920,219	1,135	79.66	85.05

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
August 2007 through July 2008

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	4,029,699	562	81.85	89.95
Marshall 1	2,674,883	383	79.83	87.36
Marshall 2	2,125,648	383	63.44	70.73
Marshall 3	4,990,337	664	85.79	90.72
Marshall 4	4,797,244	665	82.35	87.08

**Duke Energy Carolinas
Power Plant Performance Data**

Schedule 10
Page 4 of 6

**Twelve Month Summary
August 2007 through July 2008**

Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	1,056,249	165	73.08	95.14
Allen 2	1,035,611	165	71.65	94.75
Allen 3	1,691,475	265	72.86	89.20
Allen 4	1,730,225	280	70.54	86.34
Allen 5	1,773,588	270	74.99	89.64
Buck 3	221,103	75	33.65	79.64
Buck 4	132,568	38	39.82	80.55
Buck 5	615,673	128	54.91	70.78
Buck 6	735,525	128	65.60	85.79
Cliffside 1	89,835	38	26.99	64.38
Cliffside 2	90,343	38	27.14	67.13
Cliffside 3	227,817	61	42.63	88.66
Cliffside 4	241,285	61	45.15	88.69
Dan River 1	273,074	67	46.53	85.74
Dan River 2	307,326	67	52.36	87.38
Dan River 3	703,671	142	56.57	78.63
Lee 1	417,305	100	47.64	79.90
Lee 2	528,772	100	60.36	91.70
Lee 3	764,918	170	51.36	73.46
Riverbend 4	534,831	94	64.95	92.33
Riverbend 5	473,590	94	57.51	86.20
Riverbend 6	749,638	133	64.34	90.54
Riverbend 7	774,747	133	66.50	91.45

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
August,2007 through July,2008
Fossil Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	1,886	93	88.79
Buzzard Roost CT	399	196	93.97
Dan River CT	1,372	85	99.62
Lee CT	38,569	82	98.67
Lincoln CT	209,334	1,264	95.36
Mill Creek CT	192,185	592	96.04
Riverbend CT	99	120	93.25
Rockingham CT	414,481	825	94.23

Power Plant Performance

12 Months Ended July 2008

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	21,522	23.000	97.69
Buzzard Roost	-	-	100.00
Cedar Creek	51,018	45.000	98.12
Cowans Ford	45,620	325.000	98.45
Dearborn	60,249	42.000	93.95
Fishing Creek	49,447	49.000	88.41
Gaston Shoals	9,281	4.600	74.52
Great Falls	55	24.000	51.56
Keowee	30,365	157.500	98.93
Lookout Shoals	40,564	27.000	99.26
Mountain Island	31,483	62.000	92.45
Ninety Nine Island	30,137	18.000	64.31
Oxford	46,966	40.000	97.44
Rhodhiss	28,736	30.500	99.30
Rocky Creek	3	28.000	36.90
Tuxedo	10,591	6.400	98.63
Wateree	73,035	85.000	81.97
Wylie	40,266	72.000	99.47
Nantahala	140,956	50.000	83.69
Queens Creek	1,742	1.440	95.33
Thorpe	50,775	19.700	94.40
Tuckasegee	4,510	2.500	94.50
Tennessee Creek	25,842	9.800	92.63
Bear Creek	18,670	9.450	99.32
Cedar Cliff	13,388	6.380	98.78
Mission	2,050	1.800	85.87
Franklin	(9)	1.040	74.90
Bryson	607	1.040	79.19
Dillsboro	-	0.230	50.00
Total Conventional	<u>827,868</u>		
Pumped Storage Plants			
Jocassee	1,149,679	730.000	91.88
Bad Creek	<u>2,738,145</u>	1,360.000	93.33
Total	<u>3,887,824</u>		
Less Energy for Pumping			
Jocassee	(1,469,102)		
Bad Creek	<u>(3,457,467)</u>		
Total	<u>(4,926,569)</u>		
Total Pumped Storage			
Jocassee	(319,423)		
Bad Creek	<u>(719,322)</u>		
Total	<u>(1,038,745)</u>		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: July, 2008

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 2 of 16

July 2008

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	7/8/2008 2:45:00 AM To 7/11/2008 10:16:00 AM	Unsch	1060 FIRST REHEATER LEAKS	boiler tube leak,horizontal reheat	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	7/25/2008 4:23:00 PM To 7/27/2008 1:39:00 PM	Unsch	1060 FIRST REHEATER LEAKS	reheat horizontal, tube leak	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
July, 2008
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	632744	100.53	637092	101.22	642061	102.01
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	186	0.03	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-3320	-0.53	-7854	-1.25	-12637	-2.01
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00 %	629424	100.00 %	629424	100.00 %
(I) Equivalent Availability		100.00		99.97		100.00
(J) Output Factor		100.53		101.22		102.01
(K) Heat Rate		10,303		10,233		10,150

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
July, 2008
McGuire Nuclear Station

Exhibit B
Page 4 of 16

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	823347	100.60	838765	102.49
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-4947	-0.60	-20365	-2.49
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	818400	100.00 %	818400	100.00 %
(I) Equivalent Availability		99.62		100.00
(J) Output Factor		100.60		102.49
(K) Heat Rate		10,479		10,316

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
 BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
 July, 2008
 Catawba Nuclear Station

Exhibit B
 Page 5 of 16

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	854146	101.69	856678	101.99
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-14170	-1.69	-16702	-1.99
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00 %	839976	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		101.69		101.99
(K) Heat Rate		10,123		10,094

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
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July 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	784,957	636,890
(C1) Capacity Factor	92.96	75.42
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	0
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	1,564	0
(D2) Scheduled Derates: percent of Period Hrs	0.19	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	141,630
(E1) Forced Outages: percent of Period Hrs	0.00	16.77
(E2) Net mWh Not Generated due to Partial Forced Outages	4,463	1,397
(E2) Forced Derates: percent of Period Hrs	0.53	0.17
(F) Net mWh Not Generated due to Economic Dispatch	53,456	64,523
(F) Economic Dispatch: percent of Period Hrs	6.33	7.64
(G) Net mWh Possible in Period	844,440	844,440
(H) Equivalent Availability	99.29	83.06
(I) Output Factor (%)	92.96	90.62
(J) Heat Rate (BTU/NkWh)	9,431	9,461

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

**Exhibit B
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**July 2008
Marshall Steam Station**

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	744	744	744	744
(C1) Net Generation (mWh)	235,406	174,760	407,711	436,975
(D) Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E) Equivalent Availability	97.99	76.17	95.24	99.70
(F) Output Factor (%)	83.26	75.83	86.73	88.99
(G) Capacity Factor	83.26	61.81	83.28	88.99

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 8 of 16

**July 2008
Cliffside Steam Station**

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	744
(C1) Net Generation (mWh)	350,429
(D) Net mWh Possible in Period	418,128
(E) Equivalent Availability	97.91
(F) Output Factor (%)	83.90
(G) Capacity Factor	83.81

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August, 2007 - July, 2008
Oconee Nuclear Station

Exhibit B
Page 9 of 16

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8784		8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	6208307	83.54	7540216	101.47	6473656	87.11
(D1) Net MWH Not Gen Due To Full Scheduled Outages	573563	7.72	0	0.00	996647	13.41
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	33169	0.45	895	0.01	43599	0.59
(E1) Net MWH Not Gen Due To Full Forced Outages	458075	6.16	42325	0.57	70489	0.95
* (E2) Net MWH Not Gen Due To Partial Forced Outages	158150	2.13	-152172	-2.05	-153127	-2.06
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7431264	100.00 %	7431264	100.00 %	7431264	100.00 %
(I) Equivalent Availability	82.80		99.02		85.10	
(J) Output Factor	97.01		102.05		101.72	
(K) Heat Rate	10,245		10,108		10,099	

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
 BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
 August, 2007 - July, 2008
 McGuire Nuclear Station

Exhibit B
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	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	9880096	102.25	8684357	89.88
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	1128468	11.68
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	1240	0.01	39439	0.41
(E1) Net MWH Not Gen Due To Full Forced Outages	90200	0.93	117194	1.21
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-309136	-3.19	-307058	-3.18
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9662400	100.00 %	9662400	100.00 %
(I) Equivalent Availability		98.87		86.70
(J) Output Factor		103.22		103.18
(K) Heat Rate		10,223		10,197

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August, 2007 - July, 2008
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	8762299	88.36	8398459	84.69
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1221860	12.32	1671608	16.86
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	47007	0.47	29145	0.29
(E1) Net MWH Not Gen Due To Full Forced Outages	103100	1.04	18595	0.19
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-217130	-2.19	-200671	-2.03
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9917136	100.00 %	9917136	100.00 %
(I) Equivalent Availability		86.26		82.55
(J) Output Factor		101.98		102.08
(K) Heat Rate		10,053		10,042

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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August 2007 through July 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	6,314,958	7,920,219
(C1) Capacity Factor	63.34	79.44
(D1) Net mWh Not Generated due to Full Scheduled Outages	2,878,530	763,723
(D1) Scheduled Outages: percent of Period Hrs	28.87	7.66
(D2) Net mWh Not Generated due to Partial Scheduled Outages	9,280	9,253
(D2) Scheduled Derates: percent of Period Hrs	0.09	0.03
(E1) Net mWh Not Generated due to Full Forced Outages	312,522	666,777
(E1) Forced Outages: percent of Period Hrs	3.13	6.69
(E2) Net mWh Not Generated due to Partial Forced Outages	63,508	50,287
(E2) Forced Derates: percent of Period Hrs	0.64	0.50
(F) Net mWh Not Generated due to Economic Dispatch	391,042	559,581
(F) Economic Dispatch: percent of Period Hrs	3.92	5.61
(G) Net mWh Possible in Period	9,969,840	9,969,840
(H) Equivalent Availability	67.26	85.05
(I) Output Factor (%)	93.16	93.10
(J) Heat Rate (BTU/NkWh)	9,268	9,084

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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August 2007 through July 2008

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	382	382	664	665
(B) Period Hrs	8,784	8,784	8,784	8,784
(C1) Net Generation (mWh)	2,674,883	2,125,648	4,990,337	4,797,244
(D) Net mWh Possible in Period	3,360,005	3,360,005	5,832,876	5,841,610
(E) Equivalent Availability	87.36	70.73	90.72	87.08
(F) Output Factor (%)	88.64	85.45	93.12	93.76
(G) Capacity Factor	79.83	63.44	85.79	82.35

**Duke Energy Carolinas
Base Load Power Plant
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August 2007 through July 2008

Cliffside Steam Station

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	8,784
(C1) Net Generation (mWh)	4,029,699
(D) Net mWh Possible in Period	4,936,608
(E) Equivalent Availability	89.95
(F) Output Factor (%)	89.64
(G) Capacity Factor	81.85

DUKE ENERGY CAROLINAS
Outages for 100MW or Larger Units
July,2008

Full Outage Hours					
	<u>Unit</u>	<u>MW</u>	<u>Scheduled</u>	<u>Unscheduled</u>	<u>Total</u>
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas
Outages for 100 mW or Larger Units
July 2008

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Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	165	0.00	0.00	0.00
Allen 2	165	0.00	91.65	91.65
Allen 3	265	0.00	0.00	0.00
Allen 4	280	54.72	0.00	54.72
Allen 5	270	0.00	0.00	0.00
Belews Creek 1	1,135	0.00	0.00	0.00
Belews Creek 2	1,135	0.00	124.78	124.78
Buck 5	128	83.90	1.62	85.52
Buck 6	128	0.00	0.00	0.00
Cliffside 5	562	0.00	0.85	0.85
Dan River 3	142	0.00	1.97	1.97
Lee 1	100	11.32	9.63	20.95
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	744.00	744.00
Marshall 1	380	0.00	0.00	0.00
Marshall 2	380	100.42	37.07	137.48
Marshall 3	658	24.87	4.72	29.58
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	30.92	33.85	64.77
Riverbend 7	133	55.57	51.32	106.88
Rockingham CT1	165	5.13	2.53	7.67
Rockingham CT2	165	7.97	0.00	7.97
Rockingham CT3	165	0.00	42.30	42.30
Rockingham CT4	165	9.92	0.00	9.92
Rockingham CT5	165	0.00	0.00	0.00

List of Revisions:

(included with July 2008 Monthly Fuel Filing)

Jan08

Revised, Exhibit A, Schedule 10, Page 2 of 6 (SC)

Revised, Exhibit B, Page 6 of 16

Revised, Exhibit B, Page 12 of 16

Feb08

Revised, Exhibit A, Schedule 10, Page 2 of 6 (SC)

Revised, Exhibit B, Page 6 of 16

Revised, Exhibit B, Page 12 of 16

Mar08

Revised, Exhibit A, Schedule 10, Page 2 of 6 (SC)

Revised, Exhibit B, Page 12 of 16

Apr08

Revised, Exhibit A, Schedule 10, Page 2 of 6 (SC)

Revised, Exhibit B, Page 6 of 16

Revised, Exhibit B, Page 12 of 16

May08

Revised, Exhibit A, Schedule 10, Page 2 of 6 (SC)

Revised, Exhibit B, Page 6 of 16

Revised, Exhibit B, Page 12 of 16

Jun08

Revised, Exhibit A, Schedule 10, Page 2 of 6 (SC)

Revised, Exhibit A, Schedule 10, Page 4 of 6

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Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary

REVISED

February 2007 through January 2008

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	5,934,156	1,135	59.68	65.31
Belews Creek 2	8,451,420	1,135	85.00	91.84

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

REVISED
Exhibit B
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January 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	18,218	812,609
(C1) Capacity Factor	2.16	96.23
(D1) Net mWh Not Generated due to Full Scheduled Outages	700,655	0
(D1) Scheduled Outages: percent of Period Hrs	82.97	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	92,806	0
(E1) Forced Outages: percent of Period Hrs	10.99	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	8,015	2,449
(E2) Forced Derates: percent of Period Hrs	0.95	0.29
(F) Net mWh Not Generated due to Economic Dispatch	24,746	29,382
(F) Economic Dispatch: percent of Period Hrs	2.93	3.48
(G) Net mWh Possible in Period	844,440	844,440
(H) Equivalent Availability	5.09	99.71
(I) Output Factor (%)	35.74	96.23
(J) Heat Rate (BTU/NkWh)	20,791	8,942

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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Exhibit B
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February 2007 through January 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	5,934,156	8,451,420
(C1) Capacity Factor	59.68	85.00
(D1) Net mWh Not Generated due to Full Scheduled Outages	2,878,530	565,346
(D1) Scheduled Outages: percent of Period Hrs	28.95	5.69
(D2) Net mWh Not Generated due to Partial Scheduled Outages	28,257	2,662
(D2) Scheduled Derates: percent of Period Hrs	0.28	0.03
(E1) Net mWh Not Generated due to Full Forced Outages	517,560	210,942
(E1) Forced Outages: percent of Period Hrs	5.21	2.12
(E2) Net mWh Not Generated due to Partial Forced Outages	24,634	31,921
(E2) Forced Derates: percent of Period Hrs	0.25	0.32
(F) Net mWh Not Generated due to Economic Dispatch	559,463	680,310
(F) Economic Dispatch: percent of Period Hrs	5.63	6.84
(G) Net mWh Possible in Period	9,942,600	9,942,600
(H) Equivalent Availability	65.31	91.84
(I) Output Factor (%)	90.65	92.99
(J) Heat Rate (BTU/NkWh)	9,223	9,007

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March 2007 through February 2008

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	6,023,138	1,135	60.58	65.99
Belews Creek 2	8,455,583	1,135	85.04	91.81

**Base Load Power Plant
Performance Review Plan**

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February 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	696	696
(C1) Net Generation (mWh)	738,479	729,880
(C1) Capacity Factor	93.48	92.39
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	0
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	6,591
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	0
(E1) Forced Outages: percent of Period Hrs	0.00	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	9,459	0
(E2) Forced Derates: percent of Period Hrs	1.20	0.00
(F) Net mWh Not Generated due to Economic Dispatch	42,022	53,489
(F) Economic Dispatch: percent of Period Hrs	5.32	6.77
(G) Net mWh Possible in Period	789,960	789,960
(H) Equivalent Availability	98.80	99.17
(I) Output Factor (%)	93.48	92.39
(J) Heat Rate (BTU/NkWh)	8,985	8,863

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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March 2007 through February 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	6,023,138	8,455,583
(C1) Capacity Factor	60.41	84.81
(D1) Net mWh Not Generated due to Full Scheduled Outages	2,878,530	565,346
(D1) Scheduled Outages: percent of Period Hrs	28.87	5.67
(D2) Net mWh Not Generated due to Partial Scheduled Outages	28,257	9,253
(D2) Scheduled Derates: percent of Period Hrs	0.28	0.03
(E1) Net mWh Not Generated due to Full Forced Outages	449,650	210,942
(E1) Forced Outages: percent of Period Hrs	4.51	2.12
(E2) Net mWh Not Generated due to Partial Forced Outages	33,940	31,097
(E2) Forced Derates: percent of Period Hrs	0.34	0.31
(F) Net mWh Not Generated due to Economic Dispatch	556,325	697,620
(F) Economic Dispatch: percent of Period Hrs	5.58	7.00
(G) Net mWh Possible in Period	9,969,840	9,969,840
(H) Equivalent Availability	65.99	91.81
(I) Output Factor (%)	90.69	92.76
(J) Heat Rate (BTU/NkWh)	9,213	9,007

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
April 2007 through March 2008

REVISED

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	6,113,864	1,135	61.49	66.81
Belews Creek 2	8,555,956	1,135	86.05	92.97

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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April 2007 through March 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	6,113,864	8,555,956
(C1) Capacity Factor	61.32	85.82
(D1) Net mWh Not Generated due to Full Scheduled Outages	2,878,530	349,052
(D1) Scheduled Outages: percent of Period Hrs	28.87	3.50
(D2) Net mWh Not Generated due to Partial Scheduled Outages	20,509	9,253
(D2) Scheduled Derates: percent of Period Hrs	0.21	0.03
(E1) Net mWh Not Generated due to Full Forced Outages	374,720	310,519
(E1) Forced Outages: percent of Period Hrs	3.76	3.11
(E2) Net mWh Not Generated due to Partial Forced Outages	35,663	31,667
(E2) Forced Derates: percent of Period Hrs	0.36	0.32
(F) Net mWh Not Generated due to Economic Dispatch	546,553	713,394
(F) Economic Dispatch: percent of Period Hrs	5.48	7.16
(G) Net mWh Possible in Period	9,969,840	9,969,840
(H) Equivalent Availability	66.81	92.97
(I) Output Factor (%)	91.03	92.68
(J) Heat Rate (BTU/NkWh)	9,234	9,001

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
May 2007 through April 2008
Fossil Coal Units

REVISED

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	6,240,099	1,135	62.76	67.50
Belews Creek 2	8,202,113	1,135	82.49	88.81

**Base Load Power Plant
Performance Review Plan**

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April 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	720	720
(C1) Net Generation (mWh)	727,754	98,725
(C1) Capacity Factor	89.05	12.08
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	706,064
(D1) Scheduled Outages: percent of Period Hrs	0.00	86.40
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	61,895	0
(E1) Forced Outages: percent of Period Hrs	7.57	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	1,542	0
(E2) Forced Derates: percent of Period Hrs	0.19	0.00
(F) Net mWh Not Generated due to Economic Dispatch	26,009	12,411
(F) Economic Dispatch: percent of Period Hrs	3.18	1.52
(G) Net mWh Possible in Period	817,200	817,200
(H) Equivalent Availability	92.24	13.60
(I) Output Factor (%)	96.35	88.83
(J) Heat Rate (BTU/NkWh)	9,101	9,521

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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May 2007 through April 2008
Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	6,240,099	8,202,113
(C1) Capacity Factor	62.59	82.27
(D1) Net mWh Not Generated due to Full Scheduled Outages	2,878,530	766,958
(D1) Scheduled Outages: percent of Period Hrs	28.87	7.69
(D2) Net mWh Not Generated due to Partial Scheduled Outages	16,520	9,253
(D2) Scheduled Derates: percent of Period Hrs	0.17	0.03
(E1) Net mWh Not Generated due to Full Forced Outages	312,976	310,519
(E1) Forced Outages: percent of Period Hrs	3.14	3.11
(E2) Net mWh Not Generated due to Partial Forced Outages	32,091	28,894
(E2) Forced Derates: percent of Period Hrs	0.32	0.29
(F) Net mWh Not Generated due to Economic Dispatch	489,624	652,104
(F) Economic Dispatch: percent of Period Hrs	4.91	6.54
(G) Net mWh Possible in Period	9,969,840	9,969,840
(H) Equivalent Availability	67.50	88.81
(I) Output Factor (%)	92.06	93.06
(J) Heat Rate (BTU/NkWh)	9,217	9,007

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
June 2007 through May 2008
Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	6,250,768	1,135	62.87	67.56
Belews Creek 2	8,051,148	1,135	80.98	87.28

**Base Load Power Plant
Performance Review Plan**

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May 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	797,316	633,248
(C1) Capacity Factor	94.42	74.99
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	13,810
(D1) Scheduled Outages: percent of Period Hrs	0.00	1.64
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	119,913
(E1) Forced Outages: percent of Period Hrs	0.00	14.20
(E2) Net mWh Not Generated due to Partial Forced Outages	3,295	22,196
(E2) Forced Derates: percent of Period Hrs	0.39	2.63
(F) Net mWh Not Generated due to Economic Dispatch	43,829	55,274
(F) Economic Dispatch: percent of Period Hrs	5.19	6.55
(G) Net mWh Possible in Period	844,440	844,440
(H) Equivalent Availability	99.61	81.54
(I) Output Factor (%)	94.42	89.10
(J) Heat Rate (BTU/NkWh)	9,157	9,232

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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June 2007 through May 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	6,250,768	8,051,148
(C1) Capacity Factor	62.70	80.76
(D1) Net mWh Not Generated due to Full Scheduled Outages	2,878,530	780,768
(D1) Scheduled Outages: percent of Period Hrs	28.87	7.83
(D2) Net mWh Not Generated due to Partial Scheduled Outages	7,716	9,253
(D2) Scheduled Derates: percent of Period Hrs	0.08	0.03
(E1) Net mWh Not Generated due to Full Forced Outages	312,976	430,432
(E1) Forced Outages: percent of Period Hrs	3.14	4.32
(E2) Net mWh Not Generated due to Partial Forced Outages	35,386	47,336
(E2) Forced Derates: percent of Period Hrs	0.35	0.47
(F) Net mWh Not Generated due to Economic Dispatch	484,464	650,904
(F) Economic Dispatch: percent of Period Hrs	4.86	6.53
(G) Net mWh Possible in Period	9,969,840	9,969,840
(H) Equivalent Availability	67.56	87.28
(I) Output Factor (%)	92.22	92.75
(J) Heat Rate (BTU/NkWh)	9,228	9,035

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
July 2007 through June 2008

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	6,301,788	1,135	63.38	67.30
Belews Creek 2	7,994,172	1,135	80.40	86.32

**Duke Energy Carolinas
Power Plant Performance Data**

Schedule 10

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REVISED

**Twelve Month Summary
July 2007through June 2008**

Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	1,062,645	165	73.52	95.14
Allen 2	1,055,940	165	73.06	95.77
Allen 3	1,671,560	265	72.01	87.68
Allen 4	1,688,415	280	68.84	84.12
Allen 5	1,775,448	270	75.07	89.34
Buck 3	232,725	75	35.42	82.31
Buck 4	136,121	38	40.89	82.04
Buck 5	634,095	128	56.55	71.75
Buck 6	732,558	128	65.33	85.03
Cliffside 1	91,367	38	27.45	68.22
Cliffside 2	104,487	38	31.39	75.60
Cliffside 3	236,254	61	44.21	91.39
Cliffside 4	242,437	61	45.37	88.80
Dan River 1	274,396	67	46.75	85.94
Dan River 2	307,703	67	52.43	87.22
Dan River 3	679,162	142	54.60	75.81
Lee 1	402,877	100	45.99	79.68
Lee 2	508,317	100	58.03	91.24
Lee 3	843,527	170	56.64	81.61
Riverbend 4	539,988	94	65.58	92.64
Riverbend 5	482,872	94	58.64	86.07
Riverbend 6	753,722	133	64.69	90.68
Riverbend 7	791,577	133	67.94	92.09

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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Exhibit B
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June 2008

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	720	720
(C1) Net Generation (mWh)	707,928	645,612
(C1) Capacity Factor	86.63	79.00
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	0
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	40,103	108,885
(E1) Forced Outages: percent of Period Hrs	4.91	13.32
(E2) Net mWh Not Generated due to Partial Forced Outages	32,050	7,140
(E2) Forced Derates: percent of Period Hrs	3.92	0.87
(F) Net mWh Not Generated due to Economic Dispatch	37,119	55,563
(F) Economic Dispatch: percent of Period Hrs	4.54	6.80
(G) Net mWh Possible in Period	817,200	817,200
(H) Equivalent Availability	91.17	85.80
(I) Output Factor (%)	91.10	91.15
(J) Heat Rate (BTU/NkWh)	9,487	9,424

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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Exhibit B
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**July 2007 through June 2008
Belews Creek Steam Station**

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,135	1,135
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	6,301,788	7,994,172
(C1) Capacity Factor	63.21	80.18
(D1) Net mWh Not Generated due to Full Scheduled Outages	2,878,530	780,768
(D1) Scheduled Outages: percent of Period Hrs	28.87	7.83
(D2) Net mWh Not Generated due to Partial Scheduled Outages	7,716	9,253
(D2) Scheduled Derates: percent of Period Hrs	0.08	0.03
(E1) Net mWh Not Generated due to Full Forced Outages	312,522	525,147
(E1) Forced Outages: percent of Period Hrs	3.13	5.27
(E2) Net mWh Not Generated due to Partial Forced Outages	61,848	48,890
(E2) Forced Derates: percent of Period Hrs	0.62	0.49
(F) Net mWh Not Generated due to Economic Dispatch	407,435	611,610
(F) Economic Dispatch: percent of Period Hrs	4.09	6.13
(G) Net mWh Possible in Period	9,969,840	9,969,840
(H) Equivalent Availability	67.30	86.32
(I) Output Factor (%)	92.96	93.11
(J) Heat Rate (BTU/NkWh)	9,244	9,062

*Estimated

Footnote: (J) Includes Light Off BTU's